



YT-3303

YT-3303 Smart Valve Positioner accurately controls valve stroke, according to input signal of 4~20mA being delivered from controller.

Description

YT-3303 Smart Valve Positioner accurately controls valve stroke, according to input signal of 4~20mA being delivered from controller.

- Auto calibration
- Auto/Manual switch
- HART communication
- LCD display
- PID control
- 4 buttons for local control
- Feedback signal

Specification

Item · Type		YT-3303
Input Signal		4~20mA DC
Supply Pressure		0.14~0.7MPa(1.4~7 bar)
Stroke	Linear Type	10~150mm
	Rotary Type	0 ~ 90°
Impedance		Max.500Ω @ 20mA DC
Air Connection		PT(NPT,G)1/4
Gauge Connection		PT(NPT)1/8
Conduit		G(PF,NPT)1/2, M20
Operating Temp	Standard Type.	-30°C ~ 85°C (-22~185° F)
	Low Temp.Type.	-40°C ~ 85°C (-40~185° F)
LCD Operating Temp.		-30°C ~ 85°C (-22~185° F)
Ambient Temp. of Explosion Proof		-40~60°C(T5) / -40~40°C(T6)
Linearity		±0.5% F.S.
Hysteresis		±0.5% F.S.
Sensitivity		±0.2% F.S.
Repeatability		±0.3% F.S.
Air Consumption		Below 2LPM (sup=0.14MPa)
Flow Capacity		70LPM (sup=0.14MPa)
Output Characteristics		Linear, EQ%, Quick Open user set (16 Point)
Material		Aluminum Diecasting
Ingress Protection		IP66
Explosion Protection Type		<p>ATEX, IECEx Ex ia IIC T5/T6 Gb, EX iaD IIIC T100°C/T85°C Db IP66</p> <p>NEPSI Ex ia IIC T5/ T6</p> <p>KCs Ex ia IIC T5/T6 Gb, EX iaD IIIC T100°C/T85°C Db</p> <p>CSA Pending</p> <p>FM Class I, Div 1, Groups ABCD Class I, Zone 0 AEx ia IIC Class II/III, Div 1, Groups EFG Class I, II, III, Div 2, Groups ABCDEFG NEMA Type 4 IP66 AMBENT TEMP: -40°C ~ 60°C (T5) / -40°C ~ 40°C (T6)</p>
Communication(Optional)		HART(ver.7)
Weight		2kg (4.4lb)

Model	Motion Type	Acting Type	Explosion Protection	Lever Type		Conduit - Air Connection	Communication	Option	Operating Temp
				Linear	Rotary				
YT-3303	L Linear	S Single	N Non-Explosion	1 10~40mm	1 M6×34L	1 G1/2 - PT1/4	0 NONE	0 NONE	S -30°C~ 85°C
		D Double	I ATEX, IECEx, NEPSI, KCs	2 20~70mm	2 M6×63L	2 G1/2 - NPT1/4	2 + HART	1 + PTM	L -40°C~ 85°C
	R Rotary		A CSA, FM	3 50~100mm	3 M8×34L	3 G1/2 - G1/4			
				4 100~150mm	4 M8×63L	4 M20 - NPT1/4 *1			
					5 NAMUR	5 NPT1/2 - NPT1/4 *2			

*1 M20 adapter is attached to conduit entry

*2 NPT 1/2 adapter is attached to conduit entry.

Sản phẩm khác



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[YT-3350](#)

[Xem thêm YT-3350](#)



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[YT-3300](#)

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